Title (en)

JELLY-ROLL HAVING ACTIVE MATERIAL LAYER WITH DIFFERENT LOADING AMOUNT

Title (de)

JELLY-ROLLE MIT EINER AKTIVMATERIALSCHICHT MIT UNTERSCHIEDLICHER EINTRAGSMENGE

Title (fr)

ENSEMBLE D'ÉLECTRODES DE TYPE ROULÉ AYANT UNE COUCHE DE MATÉRIAU ACTIF AVEC UNE QUANTITÉ DE CHARGE DIFFÉRENTE

Publication

**EP 2130263 A4 20140611 (EN)**

Application

**EP 08723691 A 20080324**

Priority

- KR 2008001655 W 20080324
- KR 20070028967 A 20070326

Abstract (en)

[origin: WO2008117974A1] Disclosed herein is a jelly-roll type electrode assembly ("jelly-roll") of a cathode/separator/anode structure, wherein the jelly-roll is constructed in a structure in which each electrode has active material layers formed on opposite major surfaces of a sheet-type current collector, the loading amount of an active material for the inner active material layer, constituting the inner surface of each sheet when each sheet is wound, is less than that of an active material for the outer active material layer, constituting the outer surface of each sheet when each sheet is wound, and the loading amount of the active material for the inner active material layer gradually increases from the central region of each wound sheet to the outermost region of each wound sheet.

IPC 8 full level

**H01M 10/04** (2006.01); **H01M 10/0587** (2010.01)

CPC (source: EP KR US)

**H01M 10/0431** (2013.01 - EP KR US); H01M 10/0587 (2013.01 - EP KR US); Y02E 60/10 (2013.01 - EP); Y02P 70/50 (2015.11 - EP)

Citation (search report)

- [A] EP 0814525 A2 19971229 - TOSHIBA BATTERY [JP]
- See references of WO 2008117974A1

Cited by

EP4068414A4

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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